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INFORMATION REPORT

CD NO.

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COUNTRY East Germany

DATE DISTR. 9 January 1956

SUBJECT Soviet Motor Vehicle Repair Shop
"Progress" in Berlin-Oberschoeneweide

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repair work and production in
the Soviet motor vehicle repair
shop "Progress" in Berlin-Oberschoeneweide;

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- Engines overhauled included 450, while repair work was done on 500 vises, 250 work benches, 30 lathes, 20 drilling machines, 15 punching machines and 10 grinding machines.

- The following parts and accessories were produced:

ZIS-5 front axles	130
ZIS-5 brake drums	200
ZIS-5 seats	50
ZIS-5 drive shafts	150
Seats for ZIS-5	150
Studebaker motor blocks with heads and elbow parts	100
Studebaker cross tails	3,000
Studebaker floating axles	400
Studebaker rear axle shafts	500
Studebaker pistons	500
Seats for Studebaker	150
Tank track wheels	200
Field forges	100
Studebaker elbow parts	500
ZIS-5 engine heads	300
ZIS-5 gears	100
ZIS-5 elbow parts	100

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- Vehicles converted included 10 GAS-51 buses and 30 repair shop trucks.

- Between 16 and 31 October 13 ZIS-151 chassis and 17 SIS-151 repair shop trucks were shipped to the "Progress" repair shop in Zaesen. The chassis were to be converted into repair shop trucks. On 11 October, another ten repair shop trucks had been dispatched to Zaesen.

- Between 10 and 16 October, a commission of a colonel, a lieutenant colonel, two majors and a lieutenant closely inspected the installation.

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SECRET-NOFORN [REDACTED]

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The officers were riding in sedan [REDACTED] which was driven by a soldier with red-bordered black epaulets.

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6. The following data on GAS-51 and ZIS-151 motor vehicles: [REDACTED]

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GAS-51

The GAS-51 is a two-axle truck with rear-wheel drive.

Payload on paved roads	2.5	tons
Payload on other roads	2.0	tons
Maximum weight of loaded trailer	3.5	tons
Length, overall	5,520	mm
Height, overall	2,130	mm
Width	2,200	mm
Wheelbase	3,300	mm
Width between front wheels	1,580	mm
Width between the middle of the dual rear wheels	1,650	mm

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Ground clearance with maximum load:

Front axle	305	mm
Running board	400	mm
Differential casing	245	mm
Turning radius of front wheels	7.6	m

Weight (without fuel, oil, water, spare tires and driver's tools)

2,525 kg

Maximum speed with normal load on horizontal and paved roads

70 km/h

Fuel capacity

gasoline of 66 octane

Fuel consumption

20 l per 100 km at a speed of 30 to 40 km/h

Data on filling:

Fuel tank	90.0	l
Radiator	14.5	l
Lubrication including cleaning filters	7.0	l
Air filter	0.5	l
Gear casing	3.0	l
Differential casing	2.6	l
Steering wheel casing	0.5	l
Shock absorber (two)	0.140	l each
Foot brake	0.5	l
Front wheel hubs	250	gr each
Rear wheel hubs	450	gr each

ZIS-151

The ZIS-151 is a three-axle motor vehicle with all-wheel drive and good cross-country ability. The vehicle is to be used for transportation of various goods and for towing of trailers on paved roads, other roads and across the country.

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Length, overall 7,250 mm
 Length, without winch 6,930 mm
 Width 2,320 mm
 Height, overall 2,740 mm
 Height, including cab roof 2,310 mm
 Length of platform 3,565 mm
 Width of platform 2,090 mm
 Height of platform, without side-racks 355 mm
 Wheelbase 4,225 mm
 Rear chassis base 1,120 mm
 Width between front wheels 1,590 mm
 Width between the middle of the dual rear wheels 1,720 mm
 Ground clearance of front axle differential casing 260 mm
 Ground clearance of rear axle differential casing 270 mm
 Turning radius of front wheels 12 m
 Payload on paved roads 2,500 kg
 Payload on other roads 4,500 kg
 Maximum weight of loaded trailer (payload 2,500 kg) 3,600 kg
 Weight (with fuel, oil, water, two spare tires and driver's tools) without winch 5,580 kg
 Weight (see above) with winch 5,980 kg
 Maximum speed with 4,500 kg load, without trailer and on horizontal and paved roads 60 km/h
 Fuel consumption with 4,500 kg load, fifth gear, and an average speed of 30 to 40 km/h on a straight paved road with short inclines not exceeding 1.5 percent grade 42 l per 100 km
 Braking distance with 4,500 kg load on a dry, horizontal asphalt paved road at 30 km/h 12 m
 Data on fillings:
 Two gasoline tanks 150 l each 2
 Radiator 21 l
 Reserve oil tank 10 l
 Engine:
 Type four-cycle engine with ZIS-121 carburetor
 Power (limited by regulator) 92 hp, 2,600 revolutions per minute
 Maximum power 95 hp, 2,800 revolutions per minute
 Sequence of cylinders 1, 5, 3, 6, 2, 4
 Fuel capacity A-66 gasoline (GCST 2084-51)
 Gear Three-speed gear with five forward speeds and one reverse speed.

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Comment. Since the sedan belonged to the GSPQ in Fuerstenwalde, the officers possibly came from the GSPQ motor vehicle depot in Fuerstenwalde

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Comment. A normal volumetric capacity of 300 l is noteworthy.

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